

ELMORE CRAIG, P.C.

IFW

POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT AND  
CORRESPONDENCE ADDRESS

|                        |                     |
|------------------------|---------------------|
| Application Number     | 10/688,786          |
| Filing Date            | October 17, 2003    |
| First Named Inventor   | Henry R. Costantino |
| Confirmation Number    | 9558                |
| Group Art Unit         | 1653                |
| Examiner Name          | Anand U. Desai      |
| Attorney Docket Number | 1733.2025-003       |

Title MICROENCAPSULATION AND SUSTAINED RELEASE OF BIOLOGICALLY ACTIVE POLYPEPTIDES

I/We hereby appoint

☒ the attorneys/agents associated with Customer No. 000038421

☐ Practitioner(s) named below:

as my/our attorneys/agents to prosecute the application identified above, including any continuation or divisional applications thereof, and to transact all business in the United States Patent and Trademark Office connected therewith.

The correspondence address for the above-identified application is:

☒ Elmore Craig, P.C.  
209 Main Street  
North Chelmsford,  
Massachusetts 01863

☐ Other

Please direct all telephone calls and facsimiles to:

|      |                   |          |              |         |              |
|------|-------------------|----------|--------------|---------|--------------|
| Name | Carolyn S. Elmore | Tel. No. | 978-251-3509 | Fax No. | 978-251-3973 |
|------|-------------------|----------|--------------|---------|--------------|

I am the:

☐ Applicant/Inventor.

☒ Authorized representative of the Assignee, **Alkermes Controlled Therapeutics, Inc. II**, of the entire interest. See 37 C.F.R. § 3.71. A Statement under 37 C.F.R. §3.73(b) is enclosed.

☐ Authorized representative of the Assignee, [ ], together with [ ], of the entire interest. A Statement under 37 C.F.R. § 3.73(b) is enclosed.

SIGNATURE of Applicant or Assignee of Record

Name & Title Claire M. Vasios, Ph.D., Vice President, Intellectual Property

Signature

*Claire M. Vasios*

Date

12/9/04



Docket No. 1733.2025-003

STATEMENT UNDER 37 C.F.R. § 3.73(b)

Applicant: Henry R. Costantino and Joyce M. Hotz

Application No.: 10/688,786 Filed: October 17, 2003

For: MICROENCAPSULATION AND SUSTAINED RELEASE OF BIOLOGICALLY ACTIVE POLYPEPTIDES

, Alkermes Controlled Therapeutics, Inc. II, a corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is

- A. ☒ the assignee of the entire right, title and interest in the patent application identified above; or
- B. ☐ an assignee together with [ ] of the entire right, title and interest in the patent application identified above.

The right, title and interest of the above-named assignee in the patent application identified above is established by virtue of:

- A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Date: 12/9/04

Name: Claire M. Vasios, Ph.D.

Title: Vice President, Intellectual Property

Signature: Claire M. Vasios

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Docket No. 1733.2025-003

ASSIGNMENT

WHEREAS, we, **Henry R. Costantino and Joyce M. Hotz** have invented a certain improvement in **MICROENCAPSULATION AND SUSTAINED RELEASE OF BIOLOGICALLY ACTIVE POLYPEPTIDES** described in an application for Letters Patent of the United States, the specification of which:

☐ is being executed on even date herewith and is about to be filed in the United States Patent Office;

☒ was filed on **October 17, 2003** as Application No. **10/688,786**;

☐ was patented under U.S. Patent No. ☐ on ☐.

WHEREAS, **Alkermes Controlled Therapeutics, Inc. II** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **Commonwealth of Pennsylvania**, and having a usual place of business at **88 Sidney Street, Cambridge, Massachusetts 02139** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts

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which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor: \_\_\_\_\_  
**Henry R. Costantino**

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

Then personally appeared before me the above-named **Henry R. Costantino** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

(SEAL) \_\_\_\_\_ Notary Public  
\_\_\_\_\_(print name)  
My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

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Inventor: Joyce M. Hotz  
Joyce M. Hotz

State/Commonwealth  
of Massachusetts  
County of Suffolk

Then personally appeared before me the above-named **Joyce M. Hotz** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 5 day of November, 2004.



Anne M. Fieduski Notary Public  
Anne M. Fieduski (print name)  
My Commission expires 11 / 5 / 2010

ASSIGNMENT

WHEREAS, we, **Henry R. Costantino and Joyce M. Hotz** have invented a certain improvement in **MICROENCAPSULATION AND SUSTAINED RELEASE OF BIOLOGICALLY ACTIVE POLYPEPTIDES** described in an application for Letters Patent of the United States, the specification of which:

- ☐ is being executed on even date herewith and is about to be filed in the United States Patent Office;
- ☒ was filed on **October 17, 2003** as Application No. **10/688,786**;
- ☐ was patented under U.S. Patent No. [ ] on [ ].

WHEREAS, **Alkermes Controlled Therapeutics, Inc. II** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **Commonwealth of Pennsylvania**, and having a usual place of business at **88 Sidney Street, Cambridge, Massachusetts 02139** desires to acquire an interest therein in accordance with agreements duly entered into with us;

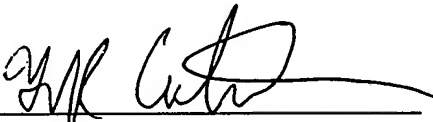
NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts

which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

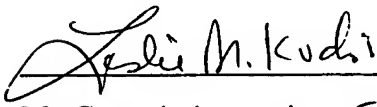
IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

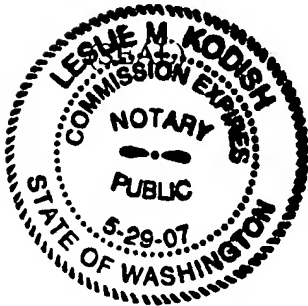
Inventor:   
Henry R. Costantino

State/Commonwealth  
of WASHINGTON  
County of SNOHOMISH

Then personally appeared before me the above-named **Henry R. Costantino** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 10 day of NOVEMBER, 2004.

Notary Public

 (print name)  
My Commission expires 5/29/07



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Inventor: \_\_\_\_\_  
**Joyce M. Hotz**

State/Commonwealth

of \_\_\_\_\_

County of \_\_\_\_\_

Then personally appeared before me the above-named **Joyce M. Hotz** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

Notary Public

(SEAL)

\_\_\_\_\_ (print name)

My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_